

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

GORSHKOV, M.I.; ZINOV'YEV, V.R.; TOPLIN, A.I.; USHERENKO, Z.I.

Cutting surfaced veneer with planer saws. Der.prom. 5 no.8:3-4  
Ag '56. (MLRA 9:10)  
(Veneers and veneering) (Planing machines)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5"

GORSHKOV, M.I., kandidat meditsinskikh nauk

Work practice of a district hospital. Sov.sdrav. 15 no.6:25-28  
M-D '56.

(MLRA 10:1)

1. Glavnnyy vrach bol'nitsy (Mytishchi Moskovskoy oblasti)  
(HOSPITALS  
in Russia, district hosp.)

S/661/61/000/006/067/081  
D243/D302

AUTHORS: Mandel'shtam, A. E., Dolgov, B. N., Kharitonov, N. P.,  
Gorshkov, M. I. and Shurov, N. V.

TITLE: A tubular electrical heater with silico-organic insulation stable against heat, dampness and electricity, of watertight construction

SOURCE: Khimiya i prakticheskoye primeneniye kremneorganicheskikh soyedineniy; trudy konferentsii, no. 6: Doklady, diskussii, resheniya. II Vses. konfer. po khimii i prakt. prim. kremneorg. soyed., Len. 1958. Leningrad, Izd-vo AN SSSR, 1961, 294-296

TEXT: In this supplement to their previous paper the authors note some positive features of electroheating elements with silico-organic insulation, for example, their good adhesion and elasticity. The introduction of such an electro-heating spiral element into a metal tube is described and methods of effecting polymerization of the silico-organic coating considered. In the following discussion

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A tubular electrical ...

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the change in corrosion coefficient of the metal on using AC-1 (AS-1), and the elasticity of an insulation layer 1.5 mm thick, after treatment at 550°C, are considered. V. V. Vrochenskiy (Lenin-grad) gives an account of a thermoelement of different construction which was efficient and stable.

Card 2/2

GORSHKOV, M.I. (Mytishchi)

Help of a patronizing organization to a hospital. Sov.zdrav. 21  
no.7:23-25 '62.

(MIRA 15:8)

(MYTISHCHI--HOSPITALS)

AUTHORS: Vavilov, V. S., Cippius, A. A., Gorshkov, M. M. 57-2-9/32

TITLE: On the Reflection Coefficients of Germanium and Silicon Crystals  
(O koeffitsiyentakh otrazheniya kristallov germaniya i kremniya).

PERIODICAL: Zhurnal Tekhnicheskoy Fiziki, 1958, Vol. 28, Nr 2, pp. 254-255  
(USSR)

ABSTRACT: The integrating sphere (reference 4) was here used for measuring the diffusion-(as well as the specular) reflection of the light of Ge or Si within the range of wave-lengths from 0.4 to 1.1 $\mu$ . A description of the apparatus is given. The errors in the measurement of R according to this method are determined by the relation of the three apertures to the surface of the sphere (reference 7) and by the accuracy of the measurement of the intensities I. Here the error amounted to less than 2% of the value of R to be determined. (Reflection coefficient). The dependence of the reflection coefficient R on the wave-length  $\lambda$  is given here: 1) for a polished germanium monocrystal of the N-type,  $\rho \approx 10$  ohm.cm, which was not etched; 2) for the same germanium-sample after a deep-etching in H<sub>2</sub>O<sub>2</sub>, 3) for a polished silicon-monocrystal of the p-type,  $\rho \approx 10$  ohm.cm, 4) for a po-

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On the Reflection Coefficients of Germanium and Silicon Crystals. 57-2-3/32

lished silicon-monocrystal of the N-type, alloyed with phosphorus (surface-concentration  $p$  of the order of magnitude  $10^{17} \text{ cm}^{-3}$ ). The obtained data prove a marked dependence of the reflection coefficient on the nature of the surface-treatment. In investigations whose results depend on the values of the reflection coefficient the simple method described here makes it possible to avoid essential errors. M. N. Alentsev and L. M. Lisitsyn helped in the work. There are 1 figure, and 7 references, 2 of which are Slavic.

ASSOCIATION: Moscow State University, Physics Department, (Moskovskiy gosudarstvenny universitet. Fizicheskiy fakul'tet).

SUBMITTED: June 27, 1957

AVAILABLE: Library of Congress  
1. Single crystals 2. Crystals-Reflective effects

Card 2/2

21(7)

AUTHORS: Vavilov, V. S., Gippius, A. A., SOV/56-37-1-3/64  
Gorshkov, M. M., Kopylovskiy, B. D.

TITLE: Radiation Combination in Germanium Crystals Subjected to a Bombardment by Fast Electrons (Izлучател'naya rekombinatsiya v kristallakh germaniya, podvergnutyykh bombardirovke bystryimi elektronami)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959,  
Vol 37, Nr 1, pp 23-26 (USSR)

ABSTRACT: The authors describe the results obtained by investigations of the infrared spectra accompanying the recombination of electrons and holes in germanium monocrystals. Three samples were investigated, in which radiation was excited by the injection of holes by means of various indium contacts; the third sample was irradiated with 0.7 Mev electrons. The concentration of the effective acceptor levels of the defects, formed in irradiation, was calculated as amounting to  $5 \cdot 10^{13} \text{ cm}^{-3}$  near the surface, and as decreasing towards zero at  $\sim 0.3 \text{ mm}$ . In first approximation it may be assumed that the concentration of recombination centers formed in irradiation is equal to that of the effective acceptor levels. The spectra of all

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Radiation Combination in Germanium Crystals  
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samples showed an emission band (Fig 1) with a maximum at  $1.85 \mu$  (0.67 ev) at room temperature and at  $1.67 \mu$  (0.74 ev) at  $78^\circ$  K. The displacement of the long-wave edge of this band corresponds well to the variation of the width of the forbidden band of germanium. The temperature coefficient  $\beta$  was determined as amounting to  $3.2 \cdot 10^{-4}$  ev/degrees, which agrees well with the results obtained by other authors (Refs 1,7). Figure 1 shows the shifting of the natural radiation band of Ge in the case of a temperature variation of 300 per  $78^\circ$  K. Figure 2 shows the spectra of the impurity- and natural radiation of the Ge-samples at  $78^\circ$  K, figure 3 the spectrum of impurity radiation of a Ge-sample of the N-type without treatment at  $78^\circ$  K. The curve has a maximum at  $2.35 \mu$  (0.53 ev). Figure 4 shows the spectrum of a N-germanium sample, irradiated by 0.7 Mev electrons at  $78^\circ$  K (irradiation occurred at room temperature); also the curve for the sensitivity of the PbS photoresistor within the same  $\lambda$ -range is shown. The intensity B of radiation near the maximum of the natural radiation depends on the injection current J (100  $\mu$ a):  $B \sim J^m$ ,  $m \approx 1.7$ . The experiments, among other things,

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Radiation Combination in Germanium Crystals  
Subjected to a Bombardment by Fast Electrons

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Showed that an increase in the concentration of the Frenkel defects caused by fast electron bombardment causes an increase in the concentration of the relative intensity of the emission band (maximum at  $2.35 \mu$ ). The authors finally thank B. M. Vul for his interest in this investigation, and M. V. Fok and M. N. Alentsev for their critique and valuable remarks; they also thank L. N. Silonov for his assistance. There are 4 figures and 9 references, 1 of which is Soviet.

ASSOCIATION: Fizicheskiy institut im. P. N. Lebedeva Akademii nauk SSSR  
(Physicos Institute imeni P. N. Lebedev of the Academy of Sciences, USSR)

SUBMITTED: January 29, 1959

Card 3/3

MOSS, T.S., fizik; GORSHKOV, M.M. [translator]; VAVILOV, V.S., red.; NAKHIMSON, I.G., red.; DZHATIYEVA, F.Kh., tekhn. red.

[Optical properties of semiconductors] Opticheskie svoistva poluprovodnikov. Moskva, Izd-vo inostr. lit-ry, 1961. 304 p. (MIRA 14:10)  
(Semiconductors—Optical properties)

GORSHKOV, M.N.

The PP4 pumping unit for coal wetting. Biul.tekh.-ekon.inform.-  
Gos.nauch.-issl.inst.nauch.i tekhn.inform. no.3:18-19 '62.

(MIRA 15:5)

(Coal mining machinery)

GORENKOY, N. P.

Organizatsiya uborni zereswykh Kul'tur Y Kolkhozch, (Organization of harvesting grain cultures on collective farms, Moskva, Sel'khozgiz, 1950.

473 P. Illus., Tables, Diagrs.

Book is based chiefly on materials gathered through experiences on organizing harvesting work on leading farms. Particularly described are operational methods of combine stakhanovites and collective farmers, the leaders in crop harvesting. Book, containing tables and illustrations, is intended for supervisors and specialists in agriculture.

GORSHKOV, M.P.

[Using machinery on collective farms] Ispol'zovanie tekhniki  
v kolkhozakh. Moskva, Izd-vo "Znanie," 1959. 31 p.  
(MIRA 13:2)  
(Agricultural machinery)

GORSHKOV, M.P., nauchnyy sotr.; KOLYCHEV, L.I., nauchnyy sotr.;  
KOTOV, G.G., nauchnyy sotr.; KUZ'MINA, V.I., nauchnyy sotr.;  
RUMYANTSEVA, A.V., nauchnyy sotr.; SELINA, N.G., nauchnyy  
sotr.; CHEREPKOVA, I.V., nauchnyy sotr.; POTAPOV, Kh.Ye.,  
red.; OVCHINNIKOV, N.G., red.; PONOMAREVA, A.A., tekhn. red.

[Raising the level of the development of collective farm opera-  
tion] Povyshenie urovnia razvitiia kolkhoznogo proizvodstva.  
Moskva, Izd-vo ekon. lit-ry, 1961. 236 p. (MIRA 15:2)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut eko-  
nomiki sel'skogo khozyaystva. 2. Vsesoyuznyy nauchno-issledova-  
tel'skiy institut ekonomiki sel'skogo khozyaystva (for Gorshkov,  
Kolychev, Kotov, Rumyantseva, Selina, Cherepkova, Kuz'mina).  
(Farm management)

Gorshkov, M. Z.

Subject : USSR/Mining AID P - 1107

Card 1/1 Pub. 78 - 18/21

Author : Gorshkov, M. Z.

Title : Mechanization of underground repair of oil wells

Periodical : Neft. khoz., v. 32, #10, 89-91, O 1954

Abstract : The author, Senior Foreman of the Underground Repair Squad of the Trust Azizbekov-neft, outlines his experience in various methods of emergency repairs in oil wells, particularly with the use of the Molchanov automatic wrench for casing assembly.

Institution : ~~Moskva STARSHEY MASTER PODzemnogo REMONTA TRESNA~~

Submitted : No date AZIZBEKOV NEFT!

VASIL'YEV, F.; GORSKOV, N., narodnyy sud'ya (g.Suzdal', Vladimirskoy oblasti); KULPACHOV, G. (s.Staraya Mayna, Ul'yanovskoy oblasti); FEDOSENKO, A. (g.Minsk)

Readers ask questions, tell their experiences and make suggestions.  
Mest. prom. i khud. promysl 2 no.6:25 Je '61. (MIRA 14:7)

1. Starshiy mekhanik fabriki No.59, g. Moskva (for Vasil'yev).  
(Manufactures)

GORSHKOV, N. (g. Suzdal', Vladimirskoy oblasti)

The number of foremost workers is growing. Mest.prom. i khud.  
promys. 2 no.12:27 D '61. (MIRA 14:12)  
(Suzdal'--service industries--Labor productivity)

GOLOFEEVSKIY, G., inzh.-stroitel' (Perm'); FLIGER, N., inzh.  
(Zaporozh'ye); SHPERLING, L., inzh. (Tbilisi); GORSHKOV, N.  
(Bodaybo, Irkutskoy obl.); CHERKASSKIY, G., otvetispolnitel'  
po tekhnike bezopasnosti (Lugansk); ANTOKHIN, I. (Shakhty);  
GALKOVSKIY, V. (Shakhty); ASLAMAZYAN, V., inzh. (Yerevan);  
PALAMARCHUK, I., tekhnik-optik

Advertising board. Izobr. i rats. no.4:44 '63.  
(MIRA 16:7)  
(Technological innovations)

GORSHKOV, N.Y.

Young corn growers of the Sutka school. Est. v shkole no.2:67-71  
Mr-Ap '56. (MLRA 9:7)

1.Direktor, uchitel' biologii Sutkovskoy sredney shkoly Breytovskogo  
rayena Yaroslavskoy oblasti.  
(Sutka--Agriculture--Study and teaching) (Cern (Maize))

GORSHKOV, N. F. Cand Phys-Math Sci -- (diss) "On the effect of absorption  
upon the ~~expansion~~<sup>diffusion</sup> of elastic impulses." Mos, 1957. 10 pp (Mos Order of  
Lenin and Order of Labor Red Banner State Univ im M. V. Lomonosov), 100  
copies (KL, 11-58, 112)

AUTHOR: Gorshkov, N.F.

46-2-8/23

TITLE: Pulse propagation in an elastic absorbing medium. (O ras-  
prostranenii impul'sov v uprugoy srede s pogloshcheniyem)

PERIODICAL: "Akusticheskiy Zhurnal" (Journal of Acoustics), 1957,  
Vol. 3, No. 2, pp. 154-162 (U.S.S.R.)

ABSTRACT: While the propagation of pulses in media with dispersion at the boundaries have been investigated by many authors (1) - (11), the propagation of pulses, when both dispersion and absorption are present, has not, so far, been analysed. In the present article the author determines theoretically and experimentally the shape of pulses propagated in the media in which the harmonics absorption is proportional to the frequencies of the 1st and 2nd order, but dispersion may be neglected, and proposes a new method, based on experimental analysis, of determining the absorption from the distortion of the leading edge of the propagated pulse. The method has been proved to be correct from the measurements of sound absorption coefficient in air. The theoretical part is based on the analysis of the propagation of a unit step pressure wave propagation (eq.1). If the absorption function has the form:

$$A(\omega) = e^{-a\omega^n x} \quad (4)$$

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46-2-8/23

Pulse propagation in an elastic absorbing medium. (Cont.)

where  $a$  = absorption coefficient (frequency independent),  
 $n$  = a fraction or a whole number,  $x$  = distance, then the  
Fourier integral of  $f(x,t)$ , in the absence of dispersion,  
becomes for  $n = 2$ :

$$f(x,t) = \frac{1}{2\pi i} \int_{-\infty}^{+\infty} \frac{dw}{w} + \frac{1}{2\pi i} \int_{-\infty}^{+\infty} \bullet \frac{iwt - aw^2}{w} dw \quad (7)$$

The first integral is computed using methods of contour integration; the second may be reduced to the Laplace integral, so that the solution is:

$$f(x,t) = \frac{1}{2} + \frac{1}{2} \Phi\left(\frac{t}{2\sqrt{a}}\right) \quad (8)$$

where  $\Phi\left(\frac{t}{2\sqrt{a}}\right)$  is the probability integral.

It may be seen, therefore, that when a unit pulse is propagated in a medium with absorption proportional to the square of frequency, the pulse takes the shape of the probability integral  
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46-2-8/23

Pulse propagation in an elastic absorbing medium. (Cont.)

with the addition of a constant. For a medium with  $n = 2$ , the pulse shape may be represented by the sum of two probability integrals (eq.10), when  $n = 1$ , the shape is defined by eq.(12). It is further shown that the absorption coefficient  $a$  may be determined from the distortion of the leading edge of the pulse by means of evaluating the rise time of the latter. Indeed, differentiating of eq. (8) yields:

$$\left. \frac{\partial f}{\partial t} \right|_{t=0} = \frac{1}{2\sqrt{x_{\max}}} \quad (13)$$

which represents the slope  $\phi$  of the leading edge, which may also be determined experimentally as:

$$\tan \phi = \frac{B(x)}{t_0} \quad (14)$$

Card 3/5 where  $B(x)$  = max. pressure inside the pulse,  $x$  = distance,  $t_0$  = leading edge time duration. Combining (13) and (14) one obtains:  $a = \frac{t_0^2}{4\pi x}$  (15)

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Pulse propagation in an elastic absorbing medium. (Cont.)

and for  $n = 1$ :

$$a = \frac{t_c}{\pi x} \quad (16)$$

The above analysis has been applied to determine  $a$  in air. Pulses with steep leading edges were obtained from a spark discharge. The formed acoustical signal was received at various distances by a crystal sound receiver and fed and photographed at the screen of an oscilloscope. The time base of the latter was triggered by the pulse, obtained from a receiver detecting the electro-magnetic pulse of the discharge. The sound pulses were received at a crystal sound receiver with circular quartz plates, the self-resonant frequencies of the latter being high enough so as not to distort the pulse frequency spectrum. Before the final evaluation of the absorption coefficient was made, the shape of the sound pulse and its deformation with distance have been analysed. It was found that for large distances the influence of absorption on the pulse shape had to be determined first. Results have shown that the value of  $a$  changes with distance, which is thought to be due not to

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Pulse propagation in an elastic absorbing medium. (Cont.)

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experimental errors but to the dependence of absorption on pressure. Values of  $\alpha$  obtained at distances 100 cm and 120 cm are in good agreement with values given in (17), (18). 3 graphs of pulse leading edges for various parameters, 2 graphs of the sound pulse pressure versus distance, 1 graph of the pulse shape at the distance 120 cm, the block diagram of the experimental arrangement and 1 table of numerical results are given. There are 18 references, of which 8 are Slavic.

ASSOCIATION: Chair of Acoustics of the Moscow State University.  
Card 5/5 (Kafedra Akustiki Moskovskogo Gosudarstvennogo  
Universiteta)

SUBMITTED: October 26, 1956.

AVAILABLE: Library of Congress

ACQ NR: AP6032077

SOURCE CODE: UR/0362/66/002/009/0989/0992

AUTHOR: Gorshkov, N. F.

ORG: Academy of Sciences SSSR, Institute of Physics of the Atmosphere (Akademiy  
nauk SSSR, Institut fiziki atmosfery)

TITLE: Turbulent-energy spectrum in the field of large wave numbers

SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v. 2, no. 9, 1966, 989-  
992

TOPIC TAGS: atmospheric turbulence, wave number, energy spectrum

ABSTRACT: The author discusses problems concerning the energy spectra of atmospheric turbulence in the field of large wave numbers and reviews some Soviet and foreign literature on the subject. An attempt is made to formulate an expression for the one-dimensional longitudinal velocity pulsation spectrum proceeding from an outer analogy of dissipative processes playing a basic part in the region  $k \geq k_0$  with the process of energy dissipation of acoustical waves. The author thanks A. M. Yaglom, V. I. Tatarskiy and Ye. A. Novikov for their attention to the work and important remarks. Orig. art. has: 2 figures and 5 formulas.

SUB CODE: 08/SUBM DATE: 25 Dec 65/ORIG REF: 005/OTH REF: 008/  
Card 1/1

UDC: 532.517.4

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GORSHKOV, N.F.

Overall-mechanized malleable cast-iron shop. Biul.tekh.ekon.inform.  
Gos.nauch.-issl.inst.nauch.i tekhn.inform. 17-18, No. 5, 1964.  
(MIRA 18:4)

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CIA-RDP86-00513R000516320009-5"

GORSHKOV, N.I., kand. voyenno morskikh nauk, kapitan 1-go ranga; POL'SHAKOV, P.M., dotsent, kand. voyenno morsk. nauk, kapitan 1-go ranga; SOLOV'YEV, M.V., inzh.-kapitan 2-go ranga; KOLCHIN, G.A., kapitan 3-go ranga; SEN', K.A., kapitan-leytenant

It should be improved and published anew. Mor. sbor. 48 no.12:  
82-87 D '64. (MIRA 18:2)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

GORSHKOV, N.I., kand. voyenno-morskikh nauk, kapitan 1-go ranga

A ship's captain and the new equipment. Mor. sbor. 48 no.1:34-38  
Ja '65. (MIRA 18:4)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5"

BELOBROV, Andrey Pavlovich. Prinimali uchastiye: BASKIN, A.S.,  
inzh.-gidrograf; BOGDANOV, I.A., inzh.-gidrograf, dots.;  
VIL'NER, B.A., inzh.-gidrograf; VOLKOV, P.D., inzh.-  
gidrograf; GORSHKOV, N.M., inzh.-gidrograf; CHUROV, Ye.P.,  
inzh.-gidrograf; YASHKEVICH, Ye.V., inzh.-gidrograf;  
STUPAKOVA, L.A., red.

[Marine hydrography] Gidrografiia moria. Moskva, Trans-  
port, 1964. 514 p. (MIRA 17:9)

*GORSHKOV, N.M.*  
GORSHKOV, N.M., (Kolomna)

Stillbirth according to data of Kolomenskii Maternity Hospital  
no.2 in Moscow Province. Akush. i gin. no.4:35-39 J1-Ag '55  
(STILLBIRTH  
etiol. & statist.)  
(MLRA 8:11)

GORSHKOV, N.M.

Spontaneous amputation of the vaginal portion of uterine cervix  
during labor. Akush. i gin. 32 no.1:77 Ja-F '56 (MLRA 9:6)

1. Iz rodil'nogo doma no.2 Kolomny Moskovskoy oblasti.  
(CERVIX, UTERINE, surg.  
amputation of vaginal portion during labor)  
(LABOR, compl.  
amputation of vaginal portion of uterine cervix)

GORSHKOV, N.M.; PROLOVA, Ye.I.

Ectopic pregnancy. Akush. i gin. 33 no.2:89-91 Mr-Ap '57.

(MLRA 10:6)

1. Iz Kolomenskoy ob'yedinennoy gorodskoy bol'nitay (glavnyy vrach

P.M.Grishin) Moskovskoy oblasti.

(PREGNANCY, ECTOPIC

diag. & prev.)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

GORSHKOV, N.M. (Kolonna)

Work of the nurse in a maternity home in caring for parturients.  
Med.sestra 18 no.11;42-43 N '59. (MIRA 13:3)  
(NURSES AND NURSING)

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CIA-RDP86-00513R000516320009-5"

L 23053-66 EWT(m)/T/EWP(t) IJP(c) JD/JG  
ACC NR: AP6011349 SOURCE CODE: UR/0226/66/000/003/0075/0077

AUTHOR: Gorshkova, L. V.; Fedorov, T. F.; Kuz'ma, Yu. B.

ORG: Institute of Metallurgy im. A. A. Baykov (Institut metallurgii);  
L'vov State University im. I. Franko (L'vovskiy gosudarstvennyy  
universitet)

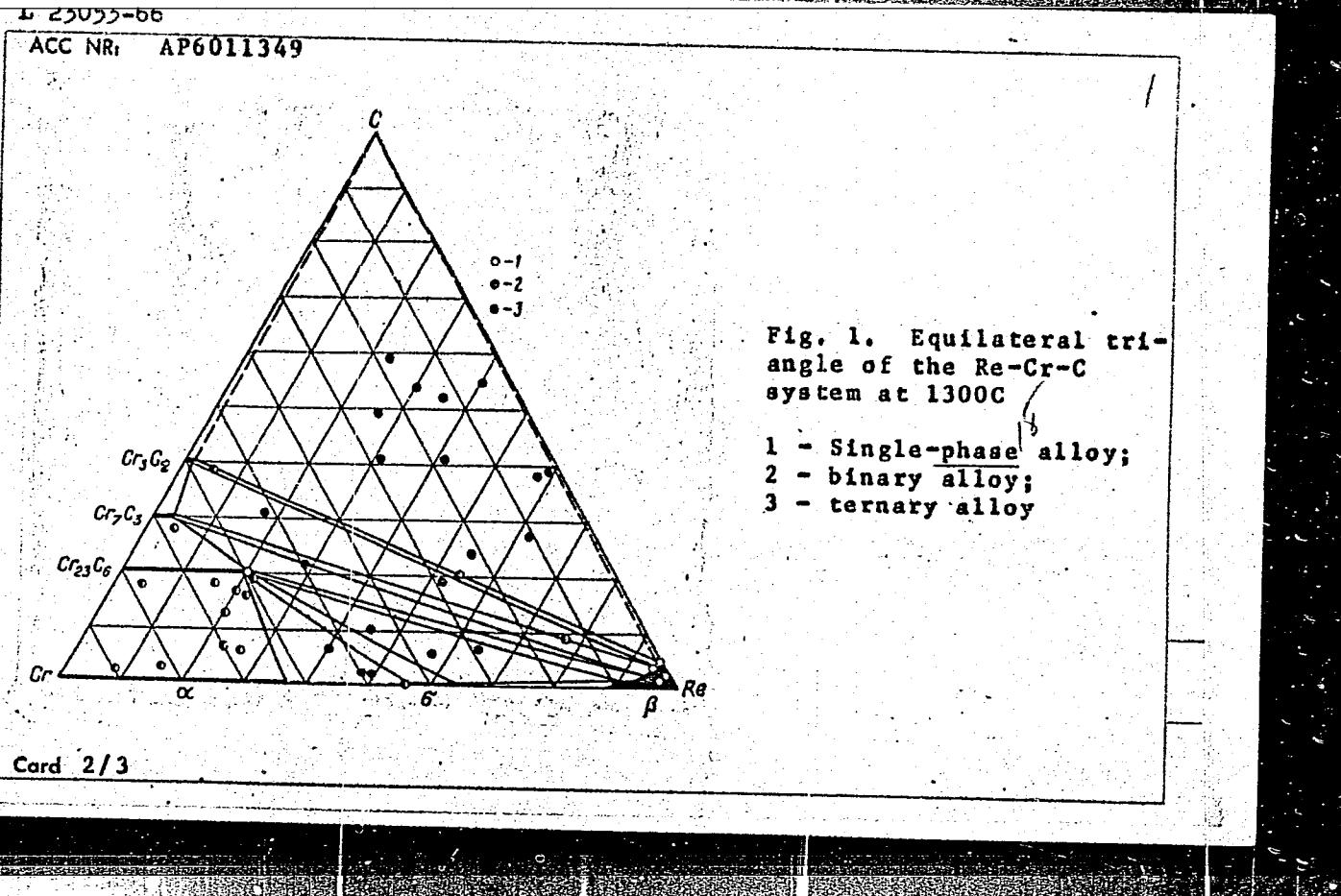
TITLE: Rhenium-chromium-carbon system

SOURCE: Poroshkovaya metallurgiya, no. 3, 1966, 75-77

TOPIC TAGS: alloy, ternary alloy, rhenium alloy, chromium containing  
alloy, carbon containing alloy

ABSTRACT: A series of alloys of the Re-Cr-C system has been investi-  
gated and the isothermal section of the ternary diagram of the system  
at 1300°C has been plotted (see Fig. 1). Alloys were melted from  
99.96%-pure rhenium, 99.97%-pure chromium, and spectrographically pure  
graphite powders. It was found that Cr<sub>23</sub>C<sub>6</sub> chromium carbide, formed  
at 1518°C, dissolves up to 20 at% Re. The solubility of rhenium in  
other chromium carbides (Cr<sub>7</sub>C<sub>3</sub> and Cr<sub>3</sub>C<sub>2</sub>) and that of carbon in the  
σ-phase of the Re-Cr system is insignificant. The solubility of  
chromium and carbon in ternary rhenium-base solid solution is not  
higher than that of these components in binary systems Re-Cr and Re-C.

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L 23053-56

ACC NR: AP6011349

No ternary compounds in the Re-Cr-C system were found. The solubility of transition metal in Cr<sub>23</sub>C<sub>6</sub> in the Re-Cr-C, Mo-Cr-C, and W-Cr-C systems is generally high. However, the Re solubility (~20 at% Re) is considerably higher than that of Mo and W (~15 at%). This can be attributed to the smaller atomic radius of Re (1.37 Å) as compared to that of Mo or W (1.39 and 1.40 Å). In all these systems, the ordering of Mo, W, or Re atoms in Cr<sub>23</sub>C<sub>6</sub>-base solid solution is observed. As a result, a superstructure of the W<sub>2</sub>Cr<sub>21</sub>C<sub>6</sub> type is formed. The authors express their thanks to Ye. I. Gladyshevskiy for his advice. Orig. [ND]

SUB CODE: 13, 11/ SUBM DATE: 16Jun65/ ORIG REF: 004/ OTH REF: 005  
ATD PRESS: 4234

Card 3/3

GRUSHEVA, Z.G.; GORSHKOV, N.V.; YEGORENKOV, L.I.

Preserve the forest resources of Transbaikalia. Priroda 50  
no.11:68-69 N '61. (MIRA 14:10)

1. Chitinskaya kompleksnaya laboratoriya Sibirskogo otdeleniya  
AN SSSR.  
(Chita Province—Forest protection)

GORSHKOV, Oleg Andreyevich; VOLPYANSKIY, L.M., inzh., red.; PERSHIN, P.S.,  
inzh., retsentent; DUGIMA, N.A., tekhn.red.

[Precision casting] Lit'e po vyplavlyayemym modeliam. Pod red.  
L.M.Volpianskogo. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.  
lit-ry, 1960. 43 p. (Nauchno-populiernaja biblioteka rabochego-  
liteishchika, no.10).  
(Precision casting)

GORSHKOV, O.A.; VOLPYANSKIY, L.M., red.; CHILIKINA, N.D.,  
inzh., red.

[Precision casting] Lit'e po vyplavliaemym modeliam.  
Izd. 2., perer. Moskva, Izd-vo "Mashinostroenie,"  
1964. 50 p. (MIRA 18:1)

GORSHKOV, P., plotnik

Portable joiner's cramp. Na stroi. Mosk. 2 no.12:26 D '59 (MIRA 13:3)

1. Zavod stroitel'nykh materialov tresta Mosstroy No. 4.  
(Joinery)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

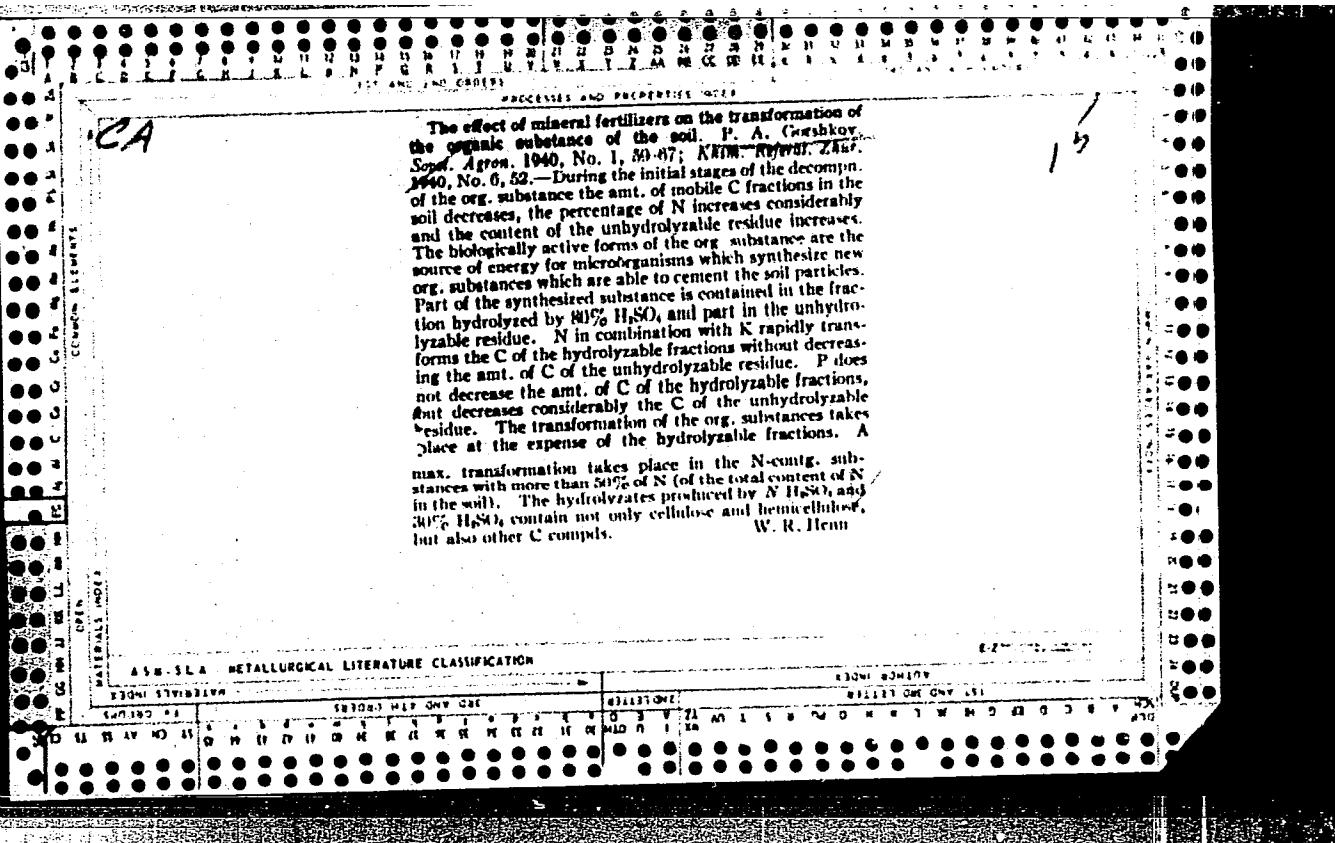
GORSHKOV, P.A., elektromekhanik elektricheskoy tsentralizatsii

A storage battery testing device with a polarity switch. Avtom.,  
telem. i sviaz' 7 no.1:38 Ja '63. (MIRA 16:2)

1. Stantsiya Bezmyanka, Kuybyshevskoy dorogi.  
(Storage batteries—Testing) (Railroads—Electric equipment)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5"



"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

GORSHKOV, P.A.

42466. Peredvizheniye Fosfornoy Kisloty V Pochve I Tekhnika Vneseniya Fosfornokisl -  
ykh Udobreniy Pod Sakharnuyu Svetlu, Pyulleten' Sumskoy S.-Kh Opyt Stantsii, Vyp  
4, 1947, S. 27-54, Bibliogr: 15 Nazv.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5"

GORSHKOV, P. A.

42447. K voprosu o prichihe gibeli ozimoy pshenitsy v osenne-zinii period  
1946-1947 Goda. Byulleten' Sumskoy S.-Kh. opyt. Stantsii, Vyp. 4, 1947, S.  
89-94.

1. GORSHKOV, P. A.
2. USSR (600)
3. Hemp
4. Possibilities for increasing hemp yield. Sov. agron. No. 12, 1952.
  
9. Monthly Lists of Russian Acquisitions, Library of Congress, February, 1953. Unclassified.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5"

USSR/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing. M-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29896

Author : Gorshkov, P.A.

Inst : The All-Union Scientific Research Institute for Fiber Crops.

Title : The Effect of Nitrogen Feeding Conditions on the Formation  
of Fibrous Substances in the Hemp Stalk.

Orig Pub : Dokl. VASKHNIL. 1957, No 5, 10-14.

Abstract : Vegetational tests made at the All-Union Scientific Research Institute for Fiber Crops have shown that the process of fiber formation in the hemp stalk takes place more intensively when the plants are adequately supplied at the same time with N, P and K. The most significant role in the composition of full fertilization is occupied by N. P and K without N had little effect on the formation of fiber. To raise the fiber formation rate it is necessary

Card 1/2

- 17 -

GORSHKOV, P.A.

GORSHKOV, P.A., kand. sel'skokhozyaystvennykh nauk; SAZHKO, M.M.

Effect of potassium nutrition on the formation of the hemp crop.  
Agrobiologiya no.6:82-89 N-D '57. (MJBA 10:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lubyanykh kul'tur,  
G. Glukhov.  
(Hemp) (Plants, Effect of potassium on)

USSR / Cultivated Plants. Plants for Technical Use. M-6  
Sugar Plants.

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73054.

Author : Gorshkov, P. A.; Sazhko, M. M.  
Inst : Not given.

Title : Influence of Nitrogen Feeding on Formation of Hemp Harvest.

Orig Pub: Vestn. s.-kh. nauki, 1957, No 9, 58-63.

Abstract: In 1954-1955 the All-Union Scientific-Research Institute of Bast Crops conducted vegetation experiments to study the characteristics of nitrogen feeding on hemp. Soil plots were used of permanent hemp plantings where for 22 years no fertilizer was applied (dark-gray, weakly-podzolic clays). N 200 mg (N<sub>a</sub>), P 200 mg (P<sub>c</sub>) K 100 mg (K<sub>k</sub>) were applied per 1 kg of soil. In the vegetation period

Card 1/1

GORSHKOV, P.A., Doc Tech Sci--(diss) "Agrobiological bases  
of the ~~application~~<sup>use</sup> <sup>hemp</sup> of fertilizers." Voronezh, 1958. 43 pp  
(Min of Agr USSR. Voronezh Agr Inst), 100 copies. List of author's  
works at end of book (KL,25-58,116)

-133-

TIMONIN, M.A., kand. tekhn. nauk; SENCHENKO, G.I., kand. sel'-  
khoz. nauk; ARINSHTEYN, A.I., kand. sel'khoz. nauk;  
GORSHKOV, P.A., doktor sel'khoz. nauk; ZHUKOV, M.S.,  
kand. sel'khoz. nauk; DEMKIN, A.P., kand. sel'khoz. nauk;  
KRASHENINNIKOV, N.A., kand. sel'khoz. nauk; GORODNIY, N.G.,  
doktor sel'khoz.nauk; REPYAKH, I.I., nauchn. sotr.; PIL'NIK,  
V.I., kand. sel'khoz.nauk; KHANIN, M.D., kand. sel'khoz.  
nauk; TSELIK, V.Z., st. nauchn. sotr.[deceased]; KOZINETS,  
N.I., nauchn. sotr.; ZHAININA, L.S., nauchn. sotr.;  
IYASHENKO, S.N., kand. sel'khoz. nauk; GONCHAROV, G.I., inzh.;  
BUYANOV, V.I., inzh.; RUDNIKOV, V.N., st. nauchn. sotr.;  
BLOKHINA, V.V., red.; PROKOF'YEVA, A.N., tekhn.red.; SOKOLOVA,N.N.,  
tekhn.red.

[Hemp] Konoplia. Moskva, Sel'khozizdat, 1963. 462 p.  
(MIRA 16:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lubyanykh  
kul'tur (for all except Blokhina, Prokof'yeva, Sokolova).  
(Hemp)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

GORSHKOV, P. M.

Gorshkov, P. M., "The Kuzbass Geophysical Expedition of the Academy of Sciences to the Territory of the Ural-Kuzbass in 1932, *Vestnik Akad. Nauk S.S.R.*, Leningrad, No. 2, 1933, pp. 31-38.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5"

GORSHKOV, P. M.

Gorshkov, P. M. "The Work of the Seismic Party of the Tadzhiksk Expedition." In the book:  
Tadzhikskaia Kompleksnaia Ekspeditsia 1932, Leningrad, 1933, p. 376-383.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

GORSHKOV, P. M.

Gorshkov, P. M. The Influence of Irregularities in Alluvium and in Its Stratification Upon the Velocity of Propagation of Radium Emanations. Jurnal Geofiziki, Moscow, vol. 3, No. 3, 1933, pp. 292-299.

APPROVED FOR RELEASE: 08/25/2000

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"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

GORSHKOV, P. M.

Gorshkov, P. M. "Gravimetric Investigations of the Region Adjoining the Irtysh." In the book: Bol'shoi Altai, Kazakhstanskaia Baza Akademii Nauk S.S.R. Trudy, Moscow-Leningrad, No. 5, part 2, 1936, pp. 39-57 and 383.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R000516320009-5

GORSHKOV, P. M.

Gorshkov, P. M. "Gravimetric Problems in the Arctic." Arktika, Leningrad, vol. 5, 1937, pp. 103-116.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R000516320009-5"

GORSHKOV, P. M.

Gorshkov, P. M. "Professor Aleksandr Aleksandrovich Ivanov, founder of the school of astronomers-theorists in Petersburg-Leningrad University (1867. 4 IV - 1939. 23, XI)," Vestnik Lenigr. un-ta, 1948, No. 9, p 111-21, with picture

SO: U-3264 10 April 53, (Letopis 'Zhurnal Mykh Statey, No. 4, 1949).

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

GORSHKOV, P. M.

"Gravimetry and the Figures of the Earth". Iz Vses Geograf Obshchestva, No 3,  
1946 (307-324).  
(Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SO: U-3218, 3 Apr 1953

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5"

GORSHKOV, P.M., prof.

Professor Aleksandr Aleksandrovich Ivanov, founder of the school of theoretical astronomers at St. Petersburg-Leningrad University (April 4, 1867 - November 23, 1939). Vest. LGU 3 no.9:111-121 S '48. (MIRA 12:9)  
(Ivanov, Aleksandr Aleksandrovich, 1867-1939)

GOMBERG, L.V., prof.

Professor S.P. Glazenap, an outstanding Russian astronomer. Vest.  
LGU 4 no.2:110-117 F 149. (VIR 12:7)  
(Glazenap, Sergei Pavlovich, 1842-1937)

GORSHKOV, P.M.

~~From the history of Russian science at Petersburg-Leningrad University  
Professor A.A.Ivanov, founder of the school of theoretical astronomy  
at the Petersburg-Leningrad University. Uch.zap. Len.un. no.116:192-  
252 '49.~~

(MLRA 10:3)

(Leningrad--Universities and colleges--History)  
(Ivanov, Aleksandr Aleksandrovich, 1867-1939)  
(Astronomy--History)

GORSHKOV, P.M. [author]; PEREL', Yu.G.[reviewer].

"Professor Aleksandr Aleksandrovich Ivanov, founder of the school of astronomer theoreticians in Petersburg-Leningrad University." P.M.Gorshkov.  
Reviewed by IU.G.Perel'. Astron.zhur. 30 no.5:563-565 S-0 '53.

(MLRA 6:11)

(Ivanov, Aleksandr Aleksandrovich, 1867-1939)

GORSHKOV, P.M., professor.

The 400th anniversary of Nicolaus Copernicus' death and the publication  
of "De revolutionibus orbium cœlestium". Vest. Lem.un. 9 no.5:203-205 My  
'54. (Copernicus, Nicolaus, 1473-1543) (MLRA 9:7)

KRISHTOPOVICH, A.N. [deceased]; L'VOV, V.Ye.; MARKOV, A.V., professor;  
KOROLEV, A.P.; GOLOMITSKIY, L.P.; OGORODNIKOV, K.F., professor;  
EYGENSON, M.S., professor; LOZIN-LOZINSKIY, L.K., professor;  
VOROB'YEV, A.G., professor; KOZLOVA, K.I.; KAZEMOV, B.A.; SUSLOV,  
A.K.; GEL'FREYKH, G.B.; VASIL'YEV, O.B.; LICHKOV, B.L., professor;  
SYROMYATNIKOV; KUTYREVA, A.P.; KATTERVEL'D, G.N.; SYTINSKAYA, N.N.;  
SHARONOV, V.V.; SUVOROV, N.I.; KUCHEROV, N.I.; TIKHOV, G.A.;  
GOBSEKOV, P.M.

Addresses by A.N.Krishtopovich and others. Trudy Sekt.astrobot. AM  
Kazakh.SSR 4:68-157 '55. (MILRA 9:12)  
(Mars (Planet))

GORSHKOV, Petr Mikhaylovich; LIVSHITS, Ya.L., red.; ATROSHCHENKO,  
L. I.S., tekhn.red.

[Belgian Congo] Bel'giiskoe Kongo. Moskva, Izd-vo "Znanie,"  
1959. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu  
politicheskikh i nauchnykh znanii. Ser.7. Meshdunarodnaisa,  
no.13) (MIRA 12:7)

(Congo, Belgian)

GORSHKOV, P.M., prof.

In memory of G.A. Tikhov. (1875-1960). Uch.zap.LGU no.307:243-245  
'62. (MIRA 15:9)  
(Tikhov, Gavriil Adrianovich, 1875-1960)

GORSHKOV, P.M., prof.

R.J. Boskovic; on the occasion of the 250th anniversary  
of his birth. Učen. sp. LGU no.307:245-246 '62. (MIRA 15:9)  
(Boskovic, Rudjer Josip, 1711-1787)

"APPROVED FOR RELEASE: 08/25/2000

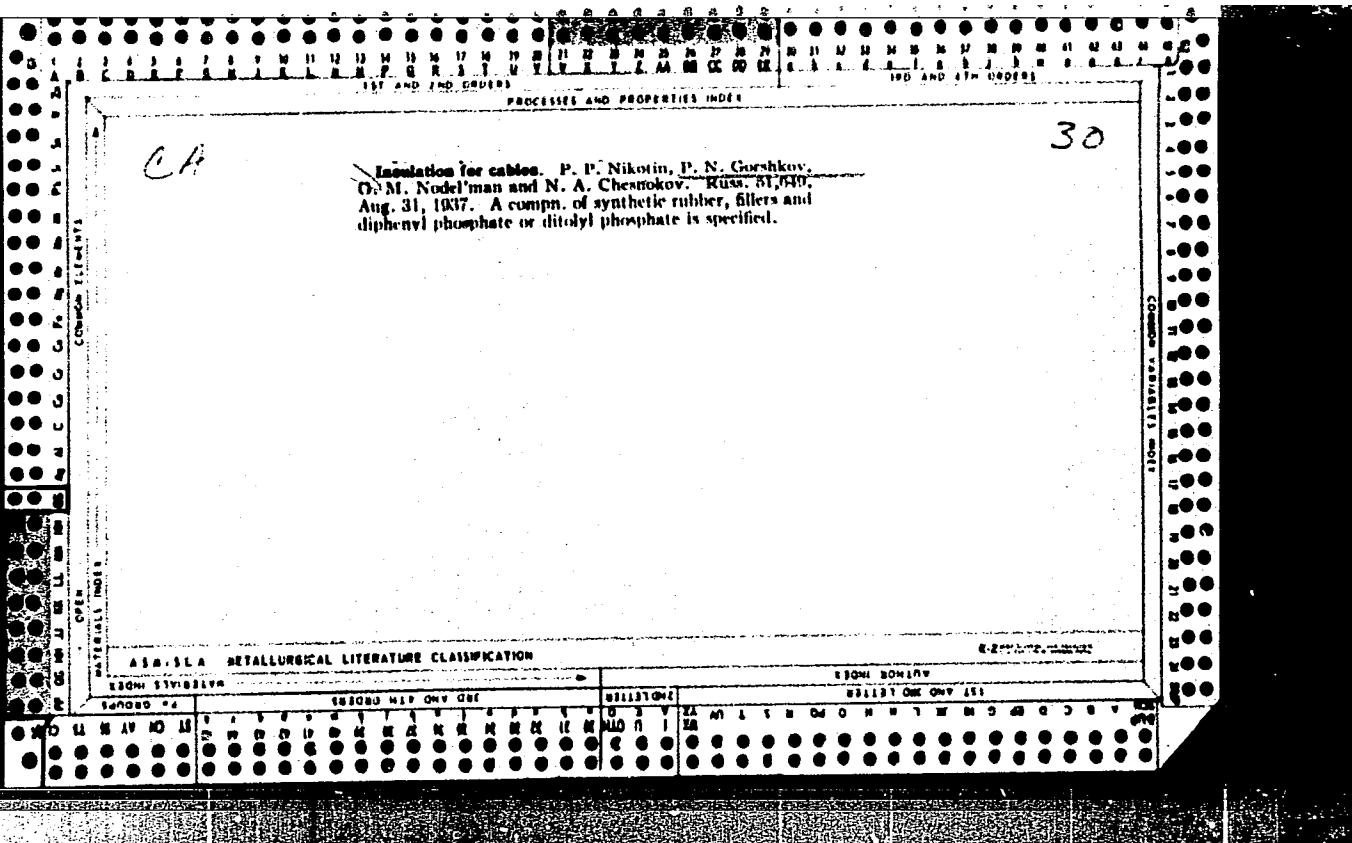
CIA-RDP86-00513R000516320009-5

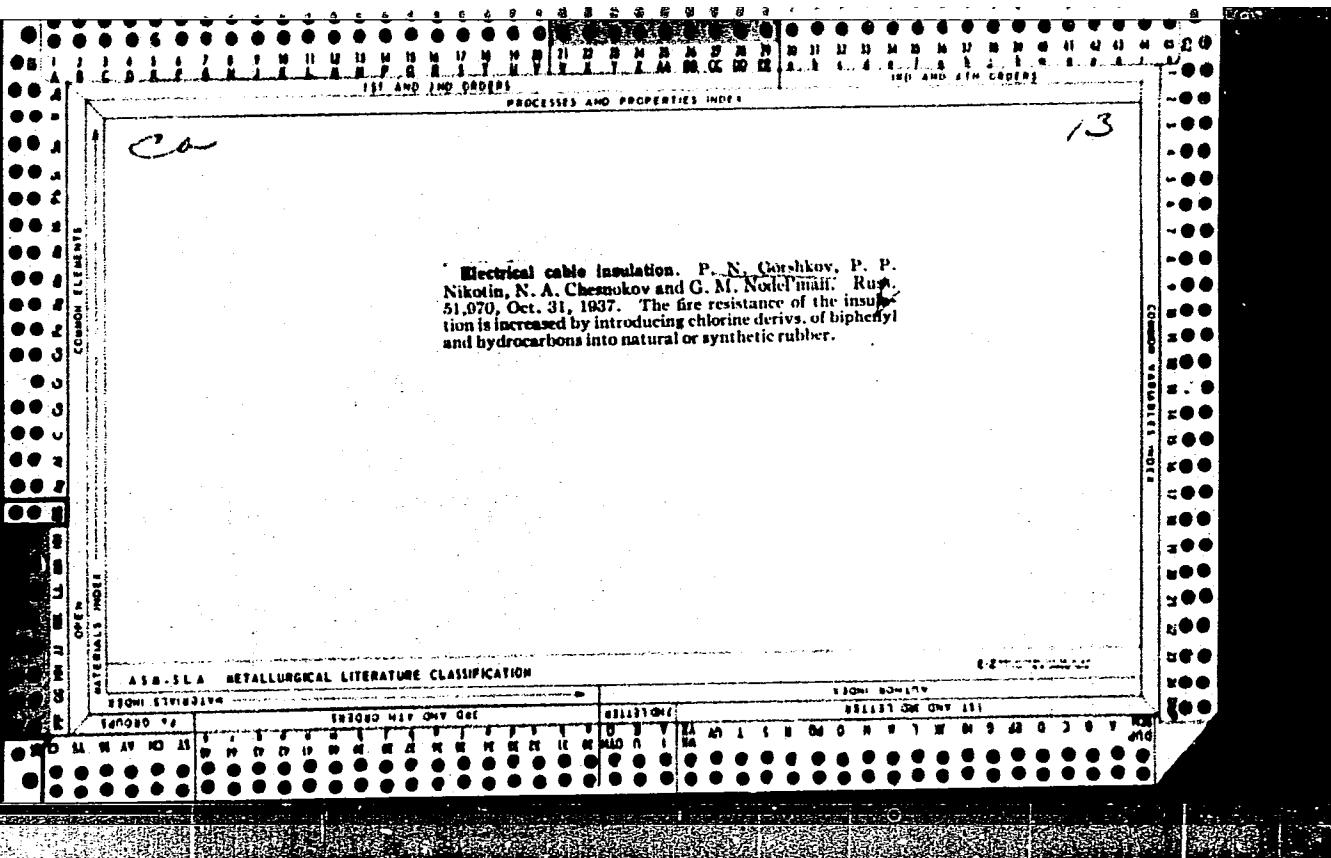
GORSHKOV, P.M.

Remarkable tradition. Mat. Otd. mat. geog. i kart. Geog.  
ob-va SSSR no.1:54 '61. (MIRA 17:8)

APPROVED FOR RELEASE: 08/25/2000

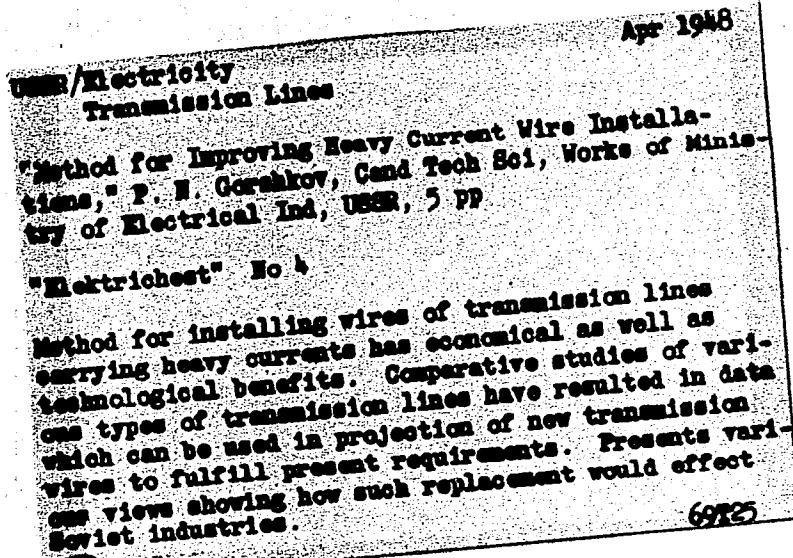
CIA-RDP86-00513R000516320009-5"





Electrical cable insulation. P. N. Gorskikh, P. P. Nikitin, N. A. Chernakov and G. M. Novel'man. Russ. 51,070, Oct. 31, 1937. The fire resistance of the insulation is increased by introducing chlorine derivs. of biphenyl and hydrocarbons into natural or synthetic rubber.

GORSHKOV, P. N.



GORSHKOV, P. N.

PA 254140

MAR 53

USSR/Electricity - Cables  
Literature

"Review of M. M. Konstantinov's Book 'Technology of  
the Production of Cables with Rubber Insulation,'"  
P. N. Gorshkov, Chief Engr., Plant of Min of Elec  
Industry USSR

Elektrichesvo, No 3, pp 94-95

Konstantinov's book ("Tekhnologiya proizvodstva  
kabel'nykh izdeliy s rezinovoy izolyatsiyej," 2nd  
ed., completely revised, 384 pp, Gosenergoizdat,  
1951), authorized by Admin of Elec Institutions,

254T46

Min of Elec Industry USSR, as text for tech schools  
of elec industry, is used as basic text for study  
of rubber-insulated cables and conductors and the  
technology of their production, despite the fact  
that there are a number of deficiencies in the book.  
Includes section on design of PTR-brand manuf. river  
cables.

254T46

BRONSHTEYN, I.I., red.; SAAKYAN, A.Ye., red.; GLUPUSHKIN, P.M.,  
red.; SHCHERBAKOV, D.P., red.; GORSHKOV, P.N., red.;  
NEROSLAVSKIY, L.M., red.

[Improvement of the manufacture of wires and cables with  
rubber insulation; materials] Usovershenstvovanie proiz-  
vodstva проводов и кабелей с резиновой изоляцией; сбор-  
ник материалов. Moskva, Energiia, 1964. 263 p.

(MIRA 18:8)

1. Otraslevoye nauchno-tehnicheskoye soveshchaniye po  
voprosam usovershenstvovaniya proizvodstva проводов и ка-  
беля с резиновой изоляцией. 11th, Perebory Rybinskiye,  
1963. 2. Nauchno-issledovatel'skiy institut kabel'noy pro-  
myshlennosti, Moscow (Institute of Cables and Bronshteyn).

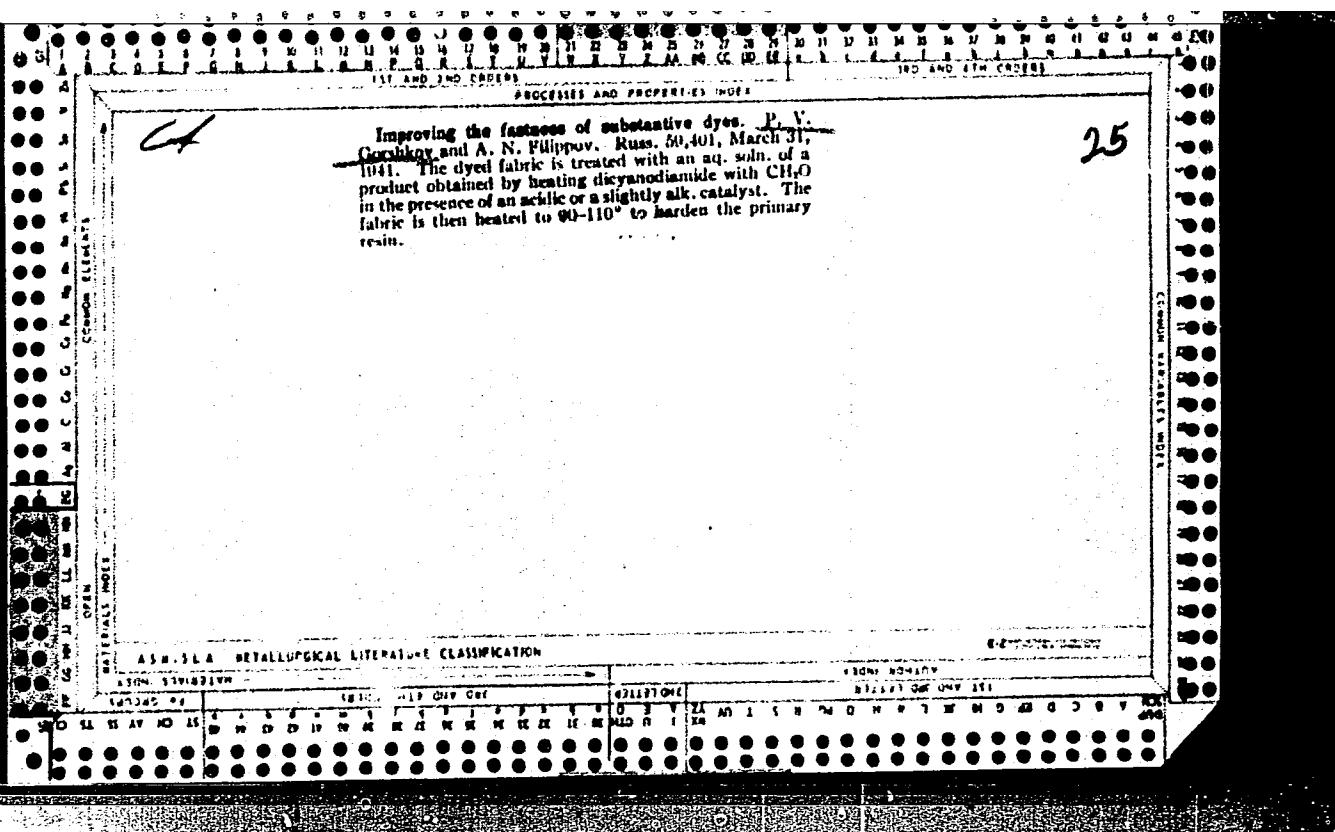
GORSHKOV, P.V.

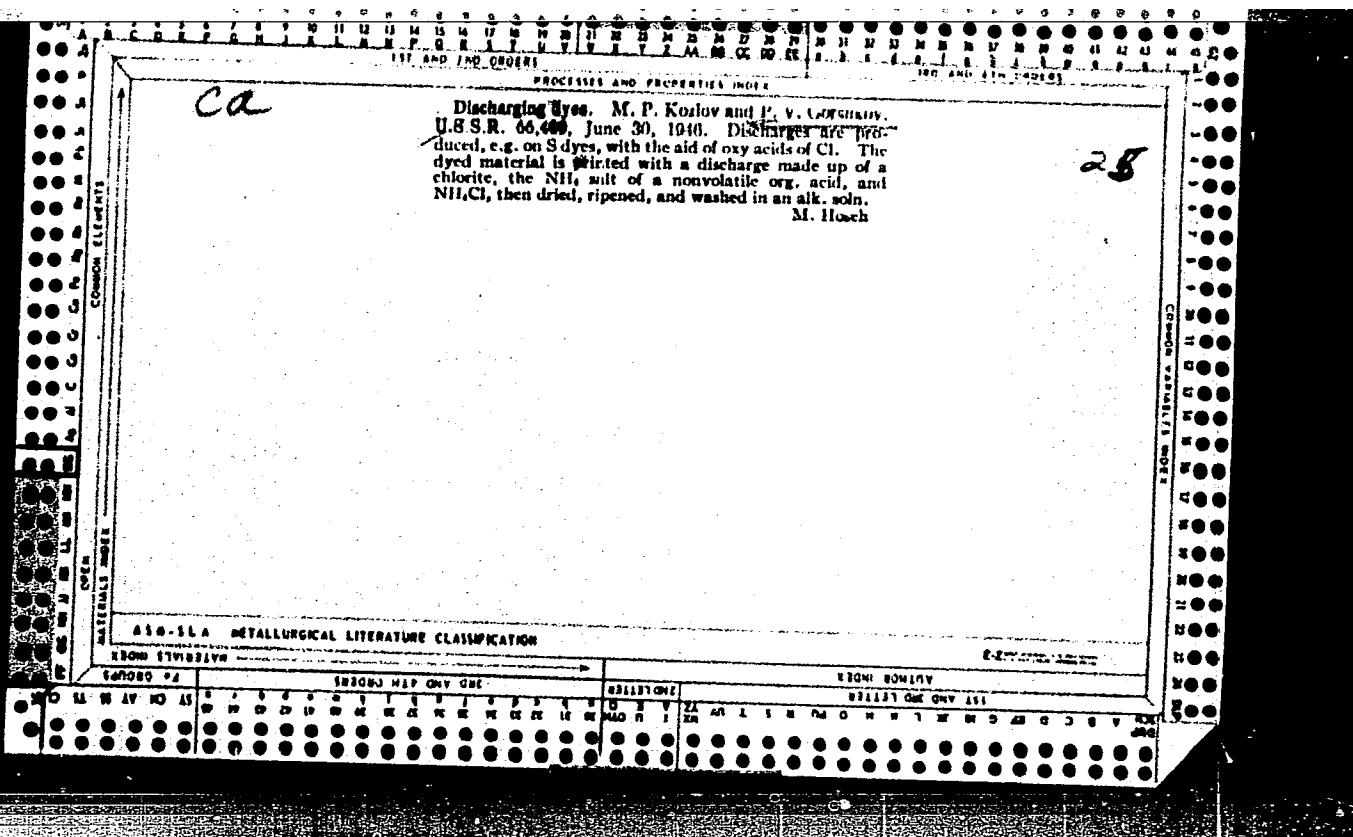
Device for demonstrating root absorption of water. Biol. v shkole  
no.6:74-75 N-D '57.  
(MIRA 10:12)

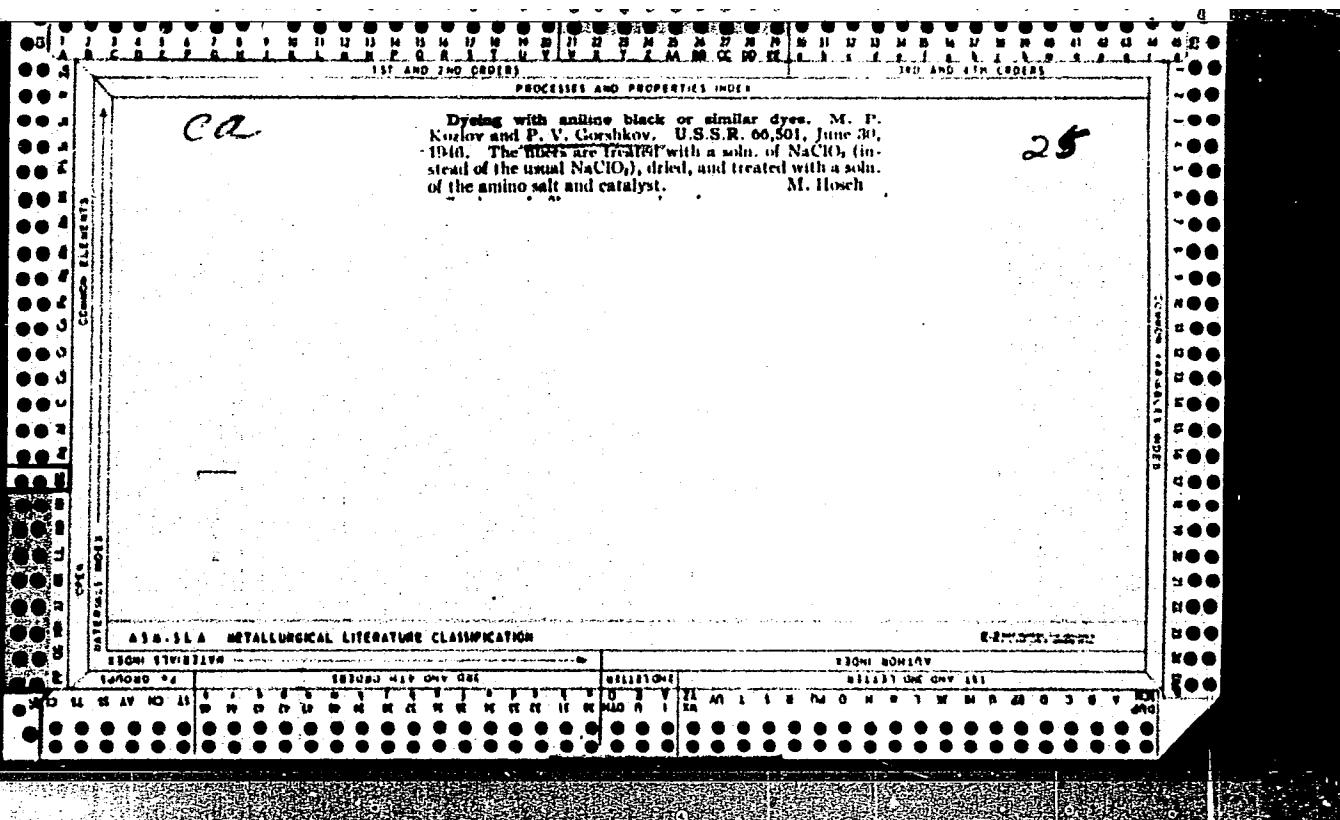
1. Leningradskiy gosudarstvennyy universitet.  
(Plants--Absorption of water--Study and teaching)  
(Botanical apparatus)

GORSHKOV, P.V. (Leningrad)

Independence of the ontogeny and annual sexual cycle of Polystoma  
from the hormonal influence of its host the grass frog, (*Rana*  
*temporaria L.*). *Zool. zhur.* 43 no.2:272-274 '64. (MIRA 17:6)







*CA**25*

The ways of intensification of Aniline Black dyeing.  
P. V. Gorshkov, *Izmer. Nauch.-Issledovatel. Inst. Khimicheskikh Protsessov, Nauch.-Issledovatel. Tsvetnyy 18, 100-8* (1951). — The process of drying the dyed fabric after Aniline Black dyeing was studied. For air-drying at 80-100° it was found that with the usual soln. of 60 g. aniline salt, 25 g.  $KClO_3$ , 12 g.  $CuSO_4$ , 10 g.  $NH_4Cl$  per 1 l.  $H_2O$  it is possible to dry the cloth in the above interval to 10% residual moisture without harm to the textile. Drying can be done on hot drums, but high temp. of the drum (150°) requires that higher moisture residue (80%) must be left and the terminal drying is done by conventional air drying. The dye-treated cloth after air drying was heat-treated at 80-100° (7-20 min. at lower range, 0.5-1.5 min. at higher range) and damage and general condition were examined. The best results are obtained in 10-12 min. at 80°, 5-7 min. at 60°, 1.5-2 min. at 80°, and 0.5-0.55 min. at 100°; the aging of the color is accelerated by temp. as expected, but the damage to the cloth increases rapidly with rise in temp. which must be precluded in part by a shorter period of heating. Cloth damage rises on heating in a condition of relatively high moisture content as shown by increase of the

*anew*

29

Evaluation of cloth damage in Aniline Black dyeing.  
P. V. Gorobtsov, Izmer. Nauch.-Izdatelstv. Inst. Khar-  
chovskogo. Prom. Nauch.-Izdatelstv. Trudy 18, 119-22  
(1951).—The mech. method has low sensitivity. A more  
satisfactory method is the detn. of the ferrocyanide no.,  
which increases with increased degree of cloth damage since  
oxycellulose has higher reducing properties than hydro-  
cellulose. Normal bleached cloth has a ferrocyanide no.  
about 0.3; after Aniline Black dyeing with steaming with  
strength loss of about 10% the no. is 3-6, and a higher no.  
indicating abnormal strength loss. The 1-g. specimen is  
boiled in 120 ml. of dextd. H<sub>2</sub>O for 5 min., treated with 25  
ml. of 10% NaOH, boiled 1 hr., and filtered, the filtrate is  
dilid. to 200 ml., a 50-ml. aliquot is taken and treated with  
5 ml. of 0.1 N K ferricyanide, refluxed 30 min., and while  
refluxing treated with 4-5 drops of methylene blue soln. (5  
g./l.) and titrated with glucose soln. (3 g./l.) until the blue  
color is gone. The results are expressed in ml. of 0.1 N K<sub>3</sub>Fe  
(CN)<sub>6</sub> used by 1 g. of specimen. G. M. Kosolapoff

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

GORSHKOV, P. V.

Chemical cleaning of heaters for digestors, P. V.-  
Gorshkov and V. N. Chizhov. *Tekstil. Prom.* 10, No. 6,  
42-3(1960).—See C.A. 46, 9752c. Elisabeth Barnabash

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5"

GORSHKOV, P.V.

Determination of free mineral acids in organic acid. Tekstil'. Prom. 12,  
No.12, 36-7 '52. (MLRA 5:12)  
(CA 47 no.22:12123 '53)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5"

*Gorshkov, P.V.*

USSR /Chemical Technology. Chemical Products  
and Their Application

I-19

Dyeing and chemical treatment of textiles

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32234

Author : Gorshkov P.V.

Title : Quantitative Determination of Vat Dyes in Fabric

Orig Pub: Tekstil'naya prom-st', 1956, No 3, 47-48

Abstract: The sample of fabric dyed with a vat dye (0.01-0.04 g) is placed in a test tube of about 17 ml holding capacity. Into the test tube are added, consecutively, by using a pipette, 2 ml water, 1 ml 1.0 N NaOH, 7 ml of 30% aqueous solution of pyridine and 5 ml of a 5% solution of hydrosulfite (free from zinc cation). The test tube is sealed with a rubber stopper and is then

Card 1/2

USSR /Chemical Technology. Chemical Products  
and Their Application

I-19

Dyeing and chemical treatment of textiles

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32234

heated for 10 minutes in a water bath (70-75°).  
The dyestuff (in the form of its leuco-compound)  
is completely removed from the fabric. After  
cooling the solution is subjected to colorimetry,  
by means of a photoelectric colorimeter, and the  
results are expressed in optical density values.  
A calibration graph is first prepared by using a  
series of weighed samples of the corresponding  
type-specimens of dyes.

Card 2/2

BUNIN, O.A.; MOSKVICHÉV, N.T.; PIAKSIN, S.A.; Prinimali uchastiye:  
GORSHKOV, P.V.; SMIRNOV, V.M.; PAVLOV, V.P.; ISAYEV, A.P.;  
LAVROV, G.V.

Operation conditions of the dye aging and reducing  
apparatus. Tekst.prom. 22 no.10:64-67 0 '62. (MIRA 15:11)

1. Ivanovskiy nauchno-issledovatel'skiy tekstil'nyy  
institut.

(Dyes and dyeing—Apparatus)

GORSHKOV, S.

Correct organization of work is a guarantee of reduced fatigue.  
Okhr. truda i sots. strakh. no.4:8-9 Ap '63.  
(MIRA 16:4)

1. Rukovoditel' fiziologicheskoy laboratorii Moskovskogo  
instituta gigiyeny truda imeni Krasmana.

(Textile industry—Hygienic aspects)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

GORSHKOV, S.

Training targets. Voen.znan. 31 no.5:23 My '55. (MLRA 8:9)  
(Target practice)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

GORSHKOV, S.

Electric trainers. Avt.transp. 35 no.3:33 Mr '57. (MIRA 10:5)  
(Automobile drivers)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5"

GORSHKOV, S. A.

Electric Power Plants

Utilization of waste heat in diesel electric power stations. Za ekon. top. 9 No. 3, 1952 pp. 34-35

A system of storing waste heat from a diesel in an insulated reservoir which can later be used to warm up cold engines used at peak load time or in emergencies. Considerable saving of fuel is achieved.

Monthly List of Russian Accessions. Library of Congress, June 1952. Unclassified.

GORSHKOV, Sergey Alekseyevich; ZAKHAROV, D.M., inzhener-podpolkovnik,  
redaktor; SLEMPTSOVA, Ye.N., tekhnicheskiy redaktor

[Stationary internal combustion engines] Statsionarnye dvigateli  
vnutrennego agranija. Moskva, Voen. izd-vo Ministerstva obor. SSSR,  
1956. 328 p.  
(Gas and oil engines)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5

KHOMENKOVA, I.G., inzh.; GORSHKOV, S.I., kand. biol. nauk.

Physiological considerations for manufacturing more flexible shoes.  
Nauch.-issl. trudy TSNIKP no.28:131-137 '57. (MIRA 11:10)  
(Boots and shoes)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320009-5"

CHERNOGOROV, Ivan Alekseyevich, professor; GORSHKOV, S.I., redaktor;  
SENCHILO, K.K., tekhnicheskiy redaktor

[The Vvedenskii-Ukhtomskii's doctrine in the clinical treatment of  
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